



<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;">(use as many sheets as necessary)</p>		<i>Complete if Known</i>	
		Application Number	10/650,338
		Filing Date	August 27, 2003
		First Named Inventor	Yusuke Hirakawa
		Art Unit	2171
		Examiner Name	J.E. Breene
Sheet	1	of	1
		Attorney Docket Number	16869P-090100US

## **U.S. PATENT DOCUMENTS+**

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>			

Examiner Signature	<u>SRpanale</u>	Date Considered	7/12/05
-----------------------	-----------------	--------------------	---------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

<p>Substitute for form 1449A/PTO MAR 25 2005 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)</p>				<p align="center"><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/650,338</td> </tr> <tr> <td>Filing Date</td> <td>August 27, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Yusuke Hirakawa</td> </tr> <tr> <td>Art Unit</td> <td>2171</td> </tr> <tr> <td>Examiner Name</td> <td>J.E. Breene</td> </tr> <tr> <td>Attorney Docket Number</td> <td>16869P-090100US</td> </tr> </table>		Application Number	10/650,338	Filing Date	August 27, 2003	First Named Inventor	Yusuke Hirakawa	Art Unit	2171	Examiner Name	J.E. Breene	Attorney Docket Number	16869P-090100US
Application Number	10/650,338																
Filing Date	August 27, 2003																
First Named Inventor	Yusuke Hirakawa																
Art Unit	2171																
Examiner Name	J.E. Breene																
Attorney Docket Number	16869P-090100US																
Sheet	1	of	1														

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
SRP	1	US-6,496,908		12-17-2002	Kamvysselis et al.
	2	US-6,467,034		10-15-2002	Yanaka
SRP	3	US-6,822,152		09-16-2003	Sinn et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		
SRP	4	EP	0902370 A	03-17-1999	Hitachi Ltd.

Examiner Signature	SRPanhala	Date Considered	7/12/05
--------------------	-----------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60439085 v1



Substitute for form 1449A&amp;B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/650,338
Filing Date	August 27, 2003
First Named Inventor	Hirakawa, Yusuke
Art Unit	2171
Examiner Name	J.E. Breene
Attorney Docket Number	16869P-090100US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SRP	1	EP	1 283 469	A2	02-12-2003	Hitachi, Ltd.	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	<i>S. Spannaler</i>	Date Considered	7/12/05
--------------------	---------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Page

1

of

2

**Complete if Known**

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Yusuke Hirakawa
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869P-090100US

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SRP	1	US-6,477,627	11-05-2002	Yuval Ofek	
	2	US-6,446,176	09-03-2002	West, et al.	
	3	US-6,393,538	05-21-2002	Murayama	
	4	US-6,363,462	03-26-2002	Bergsten	
	5	US-6,360,306	03-19-2002	Bergsten	
	6	US-6,324,654	11-27-2001	Wahl et al.	
	7	US-6,209,002	03-27-2001	Gagne et al.	
	8	US-6,173,377	01-08-2001	Yanai, et al.	
	9	US-6,157,991	12-05-2000	Dan Armon	
	10	US-6,101,497	08-08-2000	Yuval Ofek	
	11	US-6,092,068	07-18-2000	Yuval Ofek	
	12	US-6,044,444	03-28-2000	Yuval Ofek	
	13	US-5,933,853	08-03-1999	Yuval Ofek	
	14	US-5,901,327	05-04-1999	Yuval Ofek	
	15	US-5,742,782	04-21-1998	Yanai, et al.	
	16	US-5,734,818	03-31-1998	Kem, et al.	
	17	US-5,720,029	02-17-1998	Kem, et al.	
	18	US-5,544,347	08-08-1996	Yanai, et al.	
	19	US-5,459,857	10-17-1995	Ludlam, et al.	
	20	US-5,379,418	01-03-1995	Shimazaki, et al.	
	21	US-5,307,481	04-26-1994	Shimazaki, et al.	
	22	US-5,170,480	12-08-1992	Mohan et al.	
SRP	23	US-5,155,845	10-13-1992	Beal, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
SRP	24	JP	07-191811	07-28-1995			abstract only
SRP	25	JP	02-037418	02-07-1990			abstract only
SRP	26	JP	62-274448	11-28-1987			abstract only

Examiner  
Signature*SRPannala*Date  
Considered

7/12/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	Unassigned
(use as many sheets as necessary)				Filing Date	Herewith
				First Named Inventor	Yusuke Hirakawa
				Art Unit	Unassigned
				Examiner Name	Unassigned
Page	2	of	2	Attorney Docket Number	16869P-090100US

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
<i>SRP</i>	27	LYON "Tandem's Remote Data Facility," IEEE Feb-March 1990, pp 562-567 (1990).		

Examiner Signature	<i>SRPannala</i>	Date Considered	7/12/05
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.  
60015233 v1